

[Billing Code 3290-F0]

**OFFICE OF THE UNITED STATES TRADE REPRESENTATIVE**

**Notice of Product Exclusions: China's Acts, Policies, and Practices Related to  
Technology Transfer, Intellectual Property, and Innovation**

**AGENCY:** Office of the United States Trade Representative.

**ACTION:** Notice of product exclusions.

**SUMMARY:** In September 2018, the U.S. Trade Representative imposed additional duties on goods of China with an annual trade value of approximately \$200 billion as part of the action in the Section 301 investigation of China's acts, policies, and practices related to technology transfer, intellectual property, and innovation. The U.S. Trade Representative initiated a product exclusion process in June 2019, and interested persons have submitted requests for the exclusion of specific products. This notice announces the U.S. Trade Representative's determination to grant certain exclusion requests, as specified in the Annex to this notice, and corrects technical errors in previously announced exclusions.

**DATES:** The product exclusions announced in this notice will apply as of September 24, 2018, the effective date of the \$200 billion action, and extend to August 7, 2020. The amendments announced in this notice are retroactive to the date that the original exclusions were published.

**FOR FURTHER INFORMATION CONTACT:** For general questions about this notice, contact Assistant General Counsels Philip Butler or Megan Grimball, or Director of Industrial Goods Justin Hoffmann at (202) 395-5725. For specific questions on

customs classification or implementation of the product exclusions identified in the Annex to this notice, contact [traderemedymail@cbp.dhs.gov](mailto:traderemedymail@cbp.dhs.gov).

## **SUPPLEMENTARY INFORMATION:**

### **A. Background**

For background on the proceedings in this investigation, please see prior notices including 82 FR 40213 (August 24, 2017), 83 FR 14906 (April 6, 2018), 83 FR 28710 (June 20, 2018), 83 FR 33608 (July 17, 2018), 83 FR 38760 (August 7, 2018), 83 FR 47974 (September 21, 2018), 83 FR 49153 (September 28, 2018), 83 FR 65198 (December 19, 2018), 84 FR 7966 (March 5, 2019), 84 FR 20459 (May 9, 2019), 84 FR 29576 (June 24, 2019), 84 FR 38717 (August 7, 2019), 84 FR 46212 (September 3, 2019), 84 FR 49591 (September 20, 2019), 84 FR 57803 (October 28, 2019), 84 FR 61674 (November 13, 2019), 84 FR 65882 (November 29, 2019), 84 FR 69012 (December 17, 2019), 85 FR 549 (January 6, 2020), 85 FR 6674 (February 5, 2020), 85 FR 9921 (February 20, 2020), 85 FR 15015 (March 16, 2020), 85 FR 17158 (March 26, 2020), and 85 FR 23122 (April 24, 2020).

Effective September 24, 2018, the U.S. Trade Representative imposed additional 10 percent *ad valorem* duties on goods of China classified in 5,757 full and partial subheadings of the Harmonized Tariff Schedule of the United States (HTSUS), with an approximate annual trade value of \$200 billion. *See* 83 FR 47974, as modified by 83 FR 49153. In May 2019, the U.S. Trade Representative increased the additional duty to 25 percent. *See* 84 FR 20459. On June 24, 2019, the U.S. Trade Representative established a process by which stakeholders could request exclusion of particular products classified

within an 8-digit HTSUS subheading covered by the \$200 billion action from the additional duties. *See* 84 FR 29576 (the June 24 notice).

Under the June 24 notice, requests for exclusion had to identify the product subject to the request in terms of the physical characteristics that distinguish the product from other products within the relevant 8-digit HTSUS subheading covered by the \$200 billion action. Requestors also had to provide the 10-digit HTSUS subheading most applicable to the particular product requested for exclusion, and could submit information on the ability of U.S. Customs and Border Protection to administer the requested exclusion. Requestors were asked to provide the quantity and value of the Chinese-origin product that the requestor purchased in the last three years. With regard to the rationale for the requested exclusion, requests had to address the following factors:

- Whether the particular product is available only from China and specifically whether the particular product and/or a comparable product is available from sources in the United States and/or third countries.
- Whether the imposition of additional duties on the particular product would cause severe economic harm to the requestor or other U.S. interests.
- Whether the particular product is strategically important or related to “Made in China 2025” or other Chinese industrial programs.

The June 24 notice stated that the U.S. Trade Representative would take into account whether an exclusion would undermine the objective of the Section 301 investigation.

The June 24 notice required submission of requests for exclusion from the \$200 billion action no later than September 30, 2019, and noted that the U.S. Trade Representative periodically would announce decisions. In August 2019, the U.S. Trade

Representative granted an initial set of exclusion requests. *See* 84 FR 38717. The U.S. Trade Representative granted additional exclusions in September, October, November and December 2019, and in January, February, March and April 2020. *See* 84 FR 49591, 84 FR 57803, 84 FR 61674, 84 FR 65882, 84 FR 69012, 85 FR 549, 85 FR 6674, 85 FR 9921, 85 FR 15015, 85 FR 17158, and 85 FR 23122. The Office of the United States Trade Representative (USTR) regularly updates the status of each pending request on the Exclusions Portal at <https://exclusions.ustr.gov/s/docket?docketNumber=USTR-2019-0005>.

## **B. Determination to Grant Certain Exclusions**

Based on evaluation of the factors set forth in the June 24 notice, which are summarized above, pursuant to sections 301(b), 301(c), and 307(a) of the Trade Act of 1974, as amended, and in accordance with the advice of the interagency Section 301 Committee, the U.S. Trade Representative has determined to grant the product exclusions set forth in the Annex to this notice. The U.S. Trade Representative's determination also takes into account advice from advisory committees and any public comments on the pertinent exclusion requests.

As set forth in the Annex, the exclusions are reflected in two 10-digit HTSUS subheadings, which cover 15 separate exclusion requests, and 144 specially prepared product descriptions, which cover 170 separate exclusion requests.

In accordance with the June 24 notice, the exclusions are available for any product that meets the description in the Annex, regardless of whether the importer benefitting from the product exclusion filed an exclusion request. Further, the scope of

each exclusion is governed by the scope of the product descriptions in the Annex, and not by the product descriptions found in any particular request for exclusion.

Paragraph A, subparagraphs 3 through 7 of the Annex contain conforming amendments to the HTSUS reflecting the modifications made by the Annex.

Paragraph B of the Annex contains amendments reflecting technical corrections to a certain notes of the HTSUS. Paragraph B, subparagraph 1, makes a technical correction to U.S. note 20(mm)(6), published at 84 FR 61674 (November 13, 2019), as modified by Annex B(b) of 85 FR 9921 (February 20, 2020). Paragraph B, subparagraph 2, makes a technical correction to U.S. note (20)(qq)(40), published at 85 FR 6674 (February 5, 2020). Paragraph B, subparagraph 3, makes a technical correction to U.S. note (20)(ss)(17), published at 85 FR 9921 (February 20, 2020).

As stated in the September 20, 2019 notice, the exclusions will apply from September 24, 2018, to August 7, 2020. U.S. Customs and Border Protection will issue instructions on entry guidance and implementation.

The U.S. Trade Representative will continue to issue determinations on pending requests on a periodic basis.

Joseph Barloon  
General Counsel  
Office of the U.S. Trade Representative.

## ANNEX

- A. Effective with respect to goods entered for consumption, or withdrawn from warehouse for consumption, on or after 12:01 a.m. eastern daylight time on September 24, 2018, subchapter III of chapter 99 of the Harmonized Tariff Schedule of the United States (HTSUS) is modified:
1. by inserting the following new heading 9903.88.46 in numerical sequence, with the material in the new heading inserted in the columns of the HTSUS labeled “Heading/Subheading”, “Article Description”, and “Rates of Duty 1-General”, respectively:

Heading/ Subheading	Article Description	Rates of Duty		
		1		2
		General	Special	
“9903.88.46	Articles the product of China, as provided for in U.S. note 20(yy) to this subchapter, each covered by an exclusion granted by the U.S. Trade Representative . . . . .	The duty provided in the applicable subheading”		

2. by inserting the following new U.S. note 20(yy) to subchapter III of chapter 99 in numerical sequence:

“(yy) The U.S. Trade Representative determined to establish a process by which particular products classified in heading 9903.88.03 and provided for in U.S. notes 20(e) and (f) to this subchapter could be excluded from the additional duties imposed by heading 9903.88.03, and by which particular products classified in heading 9903.88.04 and provided for in U.S. note 20(g) to this subchapter could be excluded from the additional duties imposed by heading 9903.88.04. See 83 Fed. Reg. 47974 (September 21, 2018) and 84 Fed. Reg. 29576 (June 24, 2019). Pursuant to the product exclusion process, the U.S. Trade Representative has determined that the additional duties provided for in heading 9903.88.03 or in heading 9903.88.04 shall not apply to the following particular products, which are provided for in the enumerated statistical reporting numbers:

- 1) 4819.50.4060
- 2) 6902.20.5020
- 3) Dried broccoli, in powder form (described in statistical reporting number 0712.90.8510)
- 4) Freeze-dried pumpkin, in powder form (described in statistical reporting number 0712.90.8580)

- 5) Dried pomegranate, in powder form (described in statistical reporting number 1106.30.4000)
- 6) Bee pollen, in powder form (described in statistical reporting number 1212.99.9200)
- 7) Brown rice, in powder form, with protein content of at least 80 percent by weight, derived from organic brown rice (described in statistical reporting number 2106.10.0000)
- 8) Synthetic iron oxide red medium shade, in powder form, Colour Index No. 77491, CAS No. 1309-37-1, water soluble (described in statistical reporting number 2821.10.0020)
- 9) 2,5,8,11,14,17-Hexaoxanona-decan-19-yl methanesulfonate (IUPAC name: 2-[2-[2-(2-phenylmethoxyethoxy)ethoxy]ethoxy]ethyl methanesulfonate) (CAS No. 1807539-07-6) (described in statistical reporting number 2909.19.1800)
- 10) Phthalocyanine green 7 quick-set flush pigment, in paste form, Colour Index No. 74260, CAS No. 1328-53-6, water insoluble (described in statistical reporting number 3204.17.9010)
- 11) Quinacridone red 122 quick-set flush pigment, in paste form, Colour Index No. 73915, CAS No. 980-26-7, water insoluble (described in statistical reporting number 3204.17.9021)
- 12) Prepared pigment pastes, containing 41 percent by weight of Colour Index pigment violet 19 (CAS No. 1047-16-1), 35 percent by weight of plastic resins, 20 percent by weight of linseed oil, and 4 percent by weight of methyl esters of soya fatty acids (methyl soyate), such paste of a kind used for producing printing inks (described in statistical reporting number 3204.17.9035)
- 13) Prepared pigment pastes, containing 40 percent by weight of Colour Index pigment yellow 74 (CAS No. 6358-31-2), 36 percent by weight of plastic resins, 18 percent by weight of linseed oil, and 6 percent by weight of methyl esters of soya fatty acids (methyl soyate), such paste of a kind used for producing printing inks (described in statistical reporting number 3204.17.9055)
- 14) Prepared pigment pastes, containing 41 percent by weight of Colour Index pigment red 81 (CAS No. 12224-98-5), 35 percent by weight of plastic resins, 20 percent by weight of linseed oil, and 4 percent by weight of methyl esters of soya fatty acids (methyl soyate), of a kind used for producing printing inks (described in statistical reporting number 3204.17.9086)
- 15) Disposable cloths of nonwoven textile materials impregnated, coated or covered with organic surface-active preparations for washing the skin, put up for retail sale (described in statistical reporting number 3401.30.5000)
- 16) Artificial graphite, in powder form (described in statistical reporting number 3801.10.5000)

- 17) Natural graphite, in powder form (described in statistical reporting number 3801.90.0000)
- 18) 1,3,5-Triazine-2,4,6-triamine, deammoniated (CAS No. 68649-66-1) (described in statistical reporting number 3810.90.5000)
- 19) Plate-type supported catalysts (reaction accelerators) for reduction of nitrous oxides (NO<sub>x</sub>) with enhanced mercury oxidation, with oxides of base metals being the active substances, applied to a stainless steel mesh (described in statistical reporting number 3815.19.0000)
- 20) Plate-type supported catalysts (reaction accelerators) for reduction of nitrous oxides (NO<sub>x</sub>), with base metals being the active substances, applied on a titanium dioxide based ceramic material to a stainless steel mesh (described in statistical reporting number 3815.19.0000)
- 21) Floor coverings in the form of planks or tiles of vinyl with cores of high density plastic composite or stone polymer composite, each with a surface layer measuring at least 0.1 mm but not more than 0.8 mm in thickness, the whole measuring at least 2 mm but not more than 8 mm in thickness, at least 12.5 cm but not more than 61 cm in width and at least 30 cm but not more than 153 cm in length, with edges that are interlocking or simply cut at a 90-degree angle (described in statistical reporting number 3918.10.1000)
- 22) One-piece stoppers, of polypropiolactone ("PPL") or polylactic acid ("PLA") polymers, each comprising a disc-shaped top attached to a rounded, tapered plug with a protruding stirrer, measuring at least 55 mm but not more than 120.7 mm in overall length, and weighing at least 0.6 g but not more than 1.1 g each, of a kind used with lids for beverage containers (described in statistical reporting number 3923.50.0000)
- 23) Expandable garden hoses of rubber sheathed in fiber webbing, each with brass fittings (described in statistical reporting number 4009.32.0050)
- 24) New non-radial pneumatic tires of rubber, with tread pattern suitable for use on off-road all-terrain vehicles ("ATV") and utility task vehicles ("UTV"), measuring at least 70 cm but not more than 105 cm in diameter, and weighing at least 20 kg but not more than 35 kg (described in statistical reporting number 4011.90.8010)
- 25) Vibration control goods of rubber, other than natural rubber, for the vehicles of headings 8701 to 8705 (described in statistical reporting number 4016.99.5500)
- 26) Automotive constant velocity ("CV") joint boots and rack and pinion bellows, of neoprene (described in statistical reporting number 4016.99.6050)
- 27) Backpacks with outer surface of textile materials of man-made fibers, each with padded and insulated zippered compartments measuring not more than 27 cm by 19 cm by 21.5 cm (described in statistical reporting number 4202.92.3120)
- 28) Cases of textile materials of man-made fibers, each measuring not more than 57 cm by 47 cm by 34 cm, specially fitted to contain a sewing machine, each



- with outer pockets, side handles and 4 wheels (described in statistical reporting number 4202.92.3131)
- 29) Cases of man-made fiber, each measuring not more than 40 cm by 27 cm by 9 cm, with clear zippered pockets, mesh pockets and a carrying handle (described in statistical reporting number 4202.92.9100)
  - 30) Three-ply plywood sheets constructed of strips of bamboo, each sheet measuring not more than 122 cm in width and not more than 244 cm in length and at least 2 cm in thickness (described in statistical reporting number 4412.10.0500)
  - 31) Laminated flooring consisting of a bamboo surface layer, measuring 1.5 mm in thickness, laminated onto a base of high density plastic composite or stone plastic composite, each plank measuring at least 7 mm but not more than 9 mm in thickness, at least 126 mm but not more than 204 mm in width and at least 30 cm but not more than 214 cm in length, with locking edges and vinyl padding (described in statistical reporting number 4412.10.9000)
  - 32) Printable glitter paper, at least 0.3 mm in thickness, consisting of base paper coated with polyethylene terephthalate ("PET") glitter flakes, in rolls and sheets not more than 145 cm in width, weighing at least 190 g/m<sup>2</sup> but not more than 520 g/m<sup>2</sup> (described in statistical reporting number 4811.51.2050)
  - 33) Printable glitter paper, not more than 0.3 mm in thickness, consisting of a base paper coated with polyethylene terephthalate ("PET") glitter flakes, in rolls and sheets not more than 145 cm in width, weighing at least 145 g/m<sup>2</sup> but not more than 220 g/m<sup>2</sup> (described in statistical reporting number 4811.51.4000)
  - 34) Printable glitter paper, consisting of base paper coated with polyethylene terephthalate ("PET") glitter flakes, in sheets with one side measuring not more than 36 cm and one side measuring not more than 15 cm, weighing at least 150 g/m<sup>2</sup> but not more than 400 g/m<sup>2</sup> (described in statistical reporting number 4811.51.6000)
  - 35) Registers to record financial transactions, to be inserted into booklets, of white paper, each measuring at least 9.5 cm but not more than 10.5 cm by at least 6 cm but not more than 7 cm, each weighing at least 8 g but not more than 10 g (described in statistical reporting number 4820.10.4000)
  - 36) Dyed sateen fabric containing at least 85 percent by weight of cotton, measuring at least 292 cm but not more than 293 cm in width, weighing not more than 210 g/m<sup>2</sup> (described in statistical reporting number 5208.39.2020)
  - 37) Limestone with a flamed finish on one side and a length of at least 200 mm but not more than 3,100 mm, a width of at least 100 mm but not more than 1,380 mm and a thickness of at least 30 mm but not more than 180 mm (described in statistical reporting number 6802.92.0000)
  - 38) Sinks and sink pedestals of natural granite for bathroom and kitchen use, each measuring not more than 110 cm by 95 cm by 95 cm and weighing not more than 415 kg (described in statistical reporting number 6802.93.0090)

- 39) Basalt with a flamed finish on one side and a length of at least 200 mm but not more than 3,100 mm, a width of at least 100 mm but not more than 1,380 mm and a thickness of at least 30 mm but not more than 180 mm (described in statistical reporting number 6802.99.0060)
- 40) Refractory bricks containing 90 percent by weight of silica (described in statistical reporting number 6902.20.1020)
- 41) Cylinders of ceramic, excluding those of heading 6902, containing by weight at least 50 percent of alumina ( $\text{Al}_2\text{O}_3$ ) or of a mixture or compound of alumina and of silica ( $\text{SiO}_2$ ) (described in statistical reporting number 6903.20.0000)
- 42) Convex rear-view mirrors for vehicles (described in statistical reporting number 7009.10.0000)
- 43) Flat rear-view mirrors for vehicles (described in statistical reporting number 7009.10.0000)
- 44) Glass mirrors for use on motor vehicles, unframed and unmounted (described in statistical reporting number 7009.10.0000)
- 45) Convex glass cones for cathode-ray tubes ("CRTs"), measuring not more than 32 cm across at base of cone, not more than 10 cm across at neck, not more than 42 cm from base to top of neck, and weighing not more than 7 kg (described in statistical reporting number 7011.20.4500)
- 46) Microscope slides, consisting of glass with ground and polished edges with 45-degree corners, each measuring 25 mm in width, 75 mm in length and 1 mm in thickness, put up for retail sale in 72-piece packages (described in statistical reporting number 7017.90.1000)
- 47) Laboratory glassware of borosilicate glass, consisting of any of the following: 200 mm Liebig condensers; 100 ml graduated cylinders, each with a hexagonal base; 50 ml burets (also known as burettes) with stopcocks; 100 ml volumetric flasks; 9 ml test tubes with rims; 100 ml beakers and 250 ml Erlenmeyer flasks (described in statistical reporting number 7017.90.5000)
- 48) Dielectric nipples of non-alloy steel, with zinc plating and polypropylene lined, measuring at least 1.8 cm National Pipe Thread ("NPT") by at least 5 cm but not more than 13 cm in length, weighing at least 0.08 kg but not more than 0.2 kg (described in statistical reporting number 7307.99.5015)
- 49) Kitchen whisks, hand operated, each consisting of loops of wire of steel coated with silicone, in a handle measuring not more than 26 cm in length and not more than 6 cm in diameter (described in statistical reporting number 7323.99.9030)
- 50) Parts of table, kitchen or other household articles, of steel, consisting of a semi-round wire designed to be incorporated in a trash can as the vertical element to open and close the lid (described in statistical reporting number 7323.99.9080)
- 51) Parts of table, kitchen or other household articles, of steel, each consisting of a semi-round wire designed to be incorporated in a trash can as the horizontal

- element to open and close the lid (described in statistical reporting number 7323.99.9080)
- 52) Rail air brake crimp hose fittings of cast iron, each measuring at least 2.5 cm by 10.1 cm by 12.7 cm but not more than 5.1 by 10.2 cm by 15.3 cm and weighing at least 0.2 kg but not more than 1 kg, conforming to the Association of American Railroads (“AAR”) specifications M-927 and M-618 (described in statistical reporting number 7325.99.1000)
  - 53) Rail air brake hose connection support castings, each measuring at least 5 cm by 5 cm by 5 cm but not more than 12.7 cm by 12.7 cm by 10.2 cm and weighing at least 0.2 kg but not more than 2.3 kg, conforming to Association of American Railroads (“AAR”) specifications S-4021, S-4003, S-400 and S-4013 (described in statistical reporting number 7325.99.1000)
  - 54) Rail air brake hose couplings ("gladhands"), each measuring at least 610.1 cm by 10.1 cm by 10.1 cm but not more than 16.6 cm by 7.7 cm by 10.2 cm and weighing at least 0.4 kg but not more than 1.4 kg, conforming to Association of American Railroads (“AAR”) specifications S-491, M-601 and RP-5595 (described in statistical reporting number 7325.99.1000)
  - 55) Rail brake dummy couplings suitable for hose-blocking or testing and calibration of air brake systems, each measuring at least 2.5 cm by 5 cm by 15.2 cm but not more than 5.1 cm by 7.7 cm by 20.4 cm and weighing at least 0.2 kg but not more than 1.4 kg, conforming to the Association of American Railroads specifications (“AAR”) S-436, S-486, and S-491 (described in statistical reporting number 7325.99.1000)
  - 56) Parts of natural gas measuring machines and fracking apparatus, valve seat, carrier, and body, of stainless steel, weighing at least 0.2 kg but not more than 2.3 kg, measuring at least 5 cm but not more than 15.8 cm (described in statistical reporting number 7325.99.5000)
  - 57) Sintered metal fiber filtration media, whether or not of 316L grade stainless steel or other steel alloy, with a nonwoven porous web structure (described in statistical reporting number 7326.90.8688)
  - 58) Pocket clips of base metals for screwdrivers (described in statistical reporting number 8205.40.0000)
  - 59) Screwdrivers, each measuring at least 12 cm but not more than 14 cm in length, at least 1 cm but not more than 2 cm in depth, weighing at least 13 g but not more than 50 g, with two reversible bits, each bit having heads of different sizes (described in statistical reporting number 8205.40.0000)
  - 60) Kitchen and table implements of iron or steel, non-electric, including but not limited to peelers, graters and whisks (described in statistical reporting number 8205.51.3030)
  - 61) Kitchen handtools, consisting of vegetable peelers and avocado preparation tools, with stainless steel blades and handles of plastics (described in statistical reporting number 8205.51.7500)

- 62) Unfinished hand-operated tube bender of stainless steel (described in statistical reporting number 8205.59.1000)
- 63) Parts of handtools of base metal (other than iron, steel, copper or aluminum), each consisting of a valve stem tool, weighing not more than 5 g, measuring not more than 16 mm by 6 mm by 3 mm (described in statistical reporting number 8205.59.8000)
- 64) Utility knives with carbon steel blades and handles of plastics, each measuring not more than 16 cm by 3.8 cm by 4.5 cm (described in statistical reporting number 8211.93.0060)
- 65) Mountings and brackets for railway air brake systems, each measuring at least 15.2 cm by 7.6 cm by 114 cm and not more than 25.4 cm by 15.3 cm by 17.8 cm and weighing at least 9 kg and not more than 20.5 kg, conforming to the Association of American Railroads (“AAR”) specifications S-475, M-201 and S-401 (described in statistical reporting number 8302.49.6045)
- 66) Racks of steel for storing kayaks, paddle boards and fishing poles (described in statistical reporting number 8302.50.0000)
- 67) Clasps, frames with clasps, purse feet and rings, all the foregoing of base metal and of a kind used in the making of purses and handbags (described in statistical reporting number 8308.90.9000)
- 68) Clips, each with an iron spring, polypropylene handle, polystyrene head, with a magnet attached, weighing not more than 0.1 kg, measuring not more than 9 cm in width, not more than 5 cm in depth and not more than 8.6 cm in height (described in statistical reporting number 8308.90.9000)
- 69) Carburetors of aluminum, suitable for use solely or principally with spark-ignition internal combustion piston engines of heading 8407 (other than for aircraft engines, cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery, for vehicles of subheading 8701.20, or heading 8702, 8703 or 8704 or for marine propulsion engines) (described in statistical reporting number 8409.91.9990)
- 70) Crankcases of aluminum and steel, suitable for use solely or principally with spark-ignition internal combustion piston engines of heading 8407 with a cylinder bore measuring at least 85 mm but not more than 92 mm and a displacement not more than 1 liter (other than for aircraft engines, cast-iron parts, not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery, for vehicles of subheading 8701.20, or heading 8702, 8703 or 8704 or for marine propulsion engines) (described in statistical reporting number 8409.91.9990)
- 71) Vacuum pumps, each composed of a cast aluminum body and an unalloyed steel cover, measuring not more than 85 mm in length, not more than 75 mm in width and not more than 96 mm in height, with a pump volume not more than 200 cc, for use in automotive braking systems (described in statistical reporting number 8414.10.0000)

- 72) Agricultural and horticultural sprayers, towable, having a capacity not more than 80 liters (described in statistical reporting number 8424.41.1000)
- 73) Hydraulic floor jacks of steel, each measuring not more than 81 cm by 41 cm by 25 cm, weighing not more than 52 kg (described in statistical reporting number 8425.42.0000)
- 74) Telescoping hydraulic transmission jacks, each weighing not more than 90 kg, meeting American Society of Mechanical Engineers Portable Automotive Service Equipment 2014 standard (described in statistical reporting number 8425.42.0000)
- 75) Pallet jacks, not self-propelled, each measuring not more than 160 cm by 70 cm, with a load capacity of at least 1,950 kg but not more than 2,500 kg, with 89 mm pump and 11 gauge steel forks (described in statistical reporting number 8427.90.0090)
- 76) Parts of heat presses (described in statistical reporting number 8451.90.9090)
- 77) Electric saws for cutting metal pipe, tube, and bar, whereby the blade is brought down to cut metal, not numerically controlled, new, valued under \$3,025 each (described in statistical reporting number 8461.50.8020)
- 78) Machine tool base castings of class 30 grey iron or 65-45-12 ductile iron not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery, other than machine tools for cutting, grinding or finishing gears, each measuring at least 141 cm but not more than 413 cm in length, at least 67 cm but not more than 179 cm in width and at least 47 cm but not more than 67 cm in height (described in statistical reporting number 8466.93.1560)
- 79) Machine tool bridge castings of class 30 grey iron or 65-45-12 ductile iron not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery, other than machine tools for cutting, grinding or finishing gears, each measuring at least 105 cm but not more than 146 cm in length, at least 67 cm but not more than 77 cm in width and at least 42 cm but not more than 77 cm in height (described in statistical reporting number 8466.93.1560)
- 80) Machine tool column castings of class 30 grey iron or 65-45-12 ductile iron not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery, other than machine tools for cutting, grinding or finishing gears, each measuring at least 83 cm but not more than 240 cm in length, at least 39 cm but not more than 100 cm in width and at least 17 cm but not more than 93 cm in height (described in statistical reporting number 8466.93.1560)
- 81) Machine tool saddle castings of class 30 grey iron or 65-45-12 ductile iron not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery, other than machine tools for cutting, grinding or finishing gears, each measuring at least 67 cm but not more than 608 cm in length, at least 50 cm but not more than 75

- cm in width and at least 14 cm but not more than 34 cm in height (described in statistical reporting number 8466.93.1560)
- 82) Machine tool spindle head castings of class 30 grey iron or 65-45-12 ductile iron not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery, other than machine tools for cutting, grinding or finishing gears, each measuring at least 47 cm but not more than 75 cm in length, at least 37 cm but not more than 57 cm in width and at least 29 cm but not more than 108 cm in height (described in statistical reporting number 8466.93.1560)
- 83) Machine tool table castings of class 30 grey iron or 65-45-12 ductile iron not advanced beyond cleaning, and machined only for the removal of fins, gates, sprues and risers or to permit location in finishing machinery, other than machine tools for cutting, grinding or finishing gears, each measuring at least 88 cm but not more than 217 cm in length, at least 39 cm but not more than 95 cm in width and at least 9 cm but not more than 22 cm in height (described in statistical reporting number 8466.93.1560)
- 84) Molds (other than blow molds or bladder operated molds) of rubber or plastics, not injection or compression type, for kayaks (described in statistical reporting number 8480.79.9090)
- 85) Hand-operated sillcocks of stainless steel, each comprising a tubular stainless steel body, plastic check valve, hose connector and valve cover designed to mount flush to vertical or horizontal surfaces (described in statistical reporting number 8481.80.3090)
- 86) Reversing valves for heat pumps, each consisting of brass body with internal piston controlled by solenoid, weighing not more than 0.2 kg (described in statistical reporting number 8481.80.9005)
- 87) Regulator valves for air pressure (described in statistical reporting number 8481.80.9015)
- 88) Thermostatic expansion self-regulating valves to control refrigerant for use in air conditioning units and systems (described in statistical reporting number 8481.80.9015)
- 89) Air regulator valve assemblies, each weighing not more than 7 kg, with a body, piston or spring and O-rings, with thermostatic actuators (described in statistical reporting number 8481.80.9045)
- 90) Internal combustion engine throttle assembly valves (described in statistical reporting number 8481.80.9050)
- 91) Inductive charging sleeves and base stations, put up for retail sale, containing electronic circuitry to inductively charge automatic data processing (“ADP”) machines when used together, with output power of at least 1.8 A but not more than 7.1 A (described in statistical reporting number 8504.40.7001)
- 92) Modular power supplies for optical telecommunication apparatus, each in a rectangular metal enclosure measuring at least 96 mm but not more than 305 mm in width, and at least 40 mm but not more than 96 mm in height,

- weighing not more than 2 kg (described in statistical reporting number 8504.40.8500)
- 93) Power supplies capable of converting 230 V/460 W alternating current to 24 V/97 W direct current, each consisting of a printed circuit board, power supply and a heatsink, enclosed in a metal housing measuring not more than 355 mm by 100 mm by 99 mm (described in statistical reporting number 8504.40.9520)
  - 94) Power supplies with a power output of at least 150 W but not more than 500 W, each measuring not more than 18 cm by 24 cm by 65 cm, weighing not more than 2.4 kg (described in statistical reporting number 8504.40.9530)
  - 95) Battery chargers, operating on input voltage of at least 100 V but not more than 240 V, with power output of at least 650 W but not more than 1,425 W, with wireless control and communications (described in statistical reporting number 8504.40.9550)
  - 96) Nickel-metal hydride batteries, with 4.8 V weighing not more than 0.3 kg and measuring 46.5 mm by 46.5 mm by 48.5 mm, or 6 V weighing not more than 0.2 kg and measuring 84 mm by 31 mm by 18 mm (described in statistical reporting number 8507.50.0000)
  - 97) Bronze fittings for illumination sources, each measuring at least 5 cm, but not more than 10.3 cm in diameter, with a thickness of at least 1.2 cm but not more than 5.1 cm (described in statistical reporting number 8512.90.6000)
  - 98) Polycarbonate reflectors, used with illumination sources, each measuring at least 6 cm but not more than 31 cm in length, and weighing at least 45 g but not more than 227 g (described in statistical reporting number 8512.90.6000)
  - 99) Reflectors composed of a blend of polycarbonate and acrylonitrile-butadiene-styrene, each measuring at least 6 cm but not more than 31 cm in length (described in statistical reporting number 8512.90.6000)
  - 100) Detectors for indoor use in security applications, capable of detecting breakage of plate, tempered, laminated or wired glass types, and sending an alarm signal to a control panel or central call center (described in statistical reporting number 8531.90.9001)
  - 101) Insulated cables, fitted with modular telephone connectors, having outer sheaths of steel (described in statistical reporting number 8544.42.1000)
  - 102) Extension cords conforming to Chapter 85 Statistical Note 6, for a voltage not more than 1,000 V, each not more than 60 cm in length (described in statistical reporting number 8544.42.9010)
  - 103) Cable harnesses, each consisting of insulated copper resolver 24 V feedback cables and 230 V AC and 440 V AC power cables with connectors assembled together, whether or not with Ethernet cables, with a net weight not more than 7.3 kg, of a kind used for industrial robots (described in statistical reporting number 8544.42.9090)
  - 104) Flat wire harnesses with connectors, for a voltage not more than 1,000 V, for connecting automotive engine heating products, including but not limited to

- block heaters, to a power source (described in statistical reporting number 8544.42.9090)
- 105) Insulated copper cables twisted together in 3-wire or 6-wire groups with connectors, for a voltage not more than 1,000 V, each with a net weight of 1.4 kg and not more than 1.2 m in length, of a kind designed to power industrial robots (described in statistical reporting number 8544.42.9090)
  - 106) Junction box assemblies, of a kind used in solar panels, incorporating three bypass diodes and two insulated cables fitted with connectors, for a voltage not more than 1,000 V (described in statistical reporting number 8544.42.9090)
  - 107) Bumpers of round tubing or flat sheets of steel, for the front, sides or rear of off-road all-terrain vehicles (“ATVs”) or utility task vehicles (“UTVs”) (described in statistical reporting number 8708.10.3050)
  - 108) Motor vehicle bumper underside attachments, designed to be incorporated onto the vehicles of headings 8701 to 8705 (described in statistical reporting number 8708.29.5060)
  - 109) Spoilers, splitters, diffusers and other devices that provide aerodynamic downforce and engine covers (“hoods”), all the foregoing of fiberglass reinforced plastics or carbon fiber, for the vehicles of heading 8703 (described in statistical reporting number 8708.29.5060)
  - 110) Tonneau covers for pickup trucks, each with soft vinyl panels that fold (described in statistical reporting number 8708.29.5060)
  - 111) Wheel spacers of aluminum suitable for use on all-terrain vehicles (“ATV”) and utility task vehicles (“UTV”) (described in statistical reporting number 8708.70.6060)
  - 112) Radiator tubes of clad aluminum, high frequency welded, each measuring not more than 310 cm (described in statistical reporting number 8708.91.7550)
  - 113) Flange forgings of Society of Automotive Engineers (“SAE”) 1035 carbon steel suitable for use in automatic transmission systems for passenger motor vehicles (described in statistical reporting number 8708.99.6890)
  - 114) Front output shafts of Society of Automotive Engineers (“SAE”) 1045 carbon steel suitable for use in automatic transmission systems for passenger motor vehicles (described in statistical reporting number 8708.99.6890)
  - 115) Housings of aluminum used for integrated wheel-end disconnect systems, which lock and disengage the front hubs when switching between 2- and 4-wheel drive (described in statistical reporting number 8708.99.6890)
  - 116) Hub forgings of Society of Automotive Engineers (“SAE”) 1035 carbon steel suitable for use in automatic transmission systems for passenger motor vehicles (described in statistical reporting number 8708.99.6890)
  - 117) Park gear blanks of Society of Automotive Engineers (“SAE”) 1520 carbon steel suitable for use in automatic transmission systems for passenger motor vehicles (described in statistical reporting number 8708.99.6890)



- 118) Stator shafts of Stahlwerk Annahutte ZF34C grade carbon steel suitable for use in automatic transmission systems for passenger motor vehicles (described in statistical reporting number 8708.99.6890)
- 119) Cargo carriers of powder-coated steel designed to fit into receiver hitches of vehicles of headings 8701 to 8705, each measuring not more than 123 cm by 83 cm by 20 cm, with a capacity not more than 228 kg, incorporating a loading ramp (described in statistical reporting number 8708.99.8180)
- 120) Front triangles of carbon fiber for bicycle frames (described in statistical reporting number 8714.91.9000)
- 121) Rear wheel swing arms of carbon fiber for bicycle frames (described in statistical reporting number 8714.91.9000)
- 122) Bicycle wheel rims, of carbon fiber, with outer reinforcement around nipple holes, each valued at least \$100 (described in statistical reporting number 8714.92.1000)
- 123) Parts of trailer axles described herein: spindles, spindle brake flanges, brake spiders, tie plates or torsion arms (described in statistical reporting number 8716.90.5010)
- 124) Wheels with polyurethane tread over polypropylene hubs, each of a diameter measuring not more than 210 mm (described in statistical reporting number 8716.90.5045 prior to January 1, 2020; described in statistical reporting number 8716.90.5048 effective January 1, 2020)
- 125) Retractable measuring tapes of steel, each measuring at least 3.5 m but not more than 7.8 m in length, weighing at least 90 g but not more than 310 g (described in statistical reporting number 9017.80.0000)
- 126) Tape measures, each consisting of a steel tape in a housing of translucent plastics, each measuring at least 3 m but not more than 3.1 m in length, weighing at least 77.1 g but not more than 77.2 g (described in statistical reporting number 9017.80.0000)
- 127) Flexible probes, each measuring at least 1 m but not more than 2 m in length, with a thermistor heat sensor in the tip which transmits heat data directly to a temperature monitor (described in statistical reporting number 9025.90.0600)
- 128) Metal casings for, and metal parts of, thermometers of subheading 9025.11.40 designed for use in heating, ventilation and air conditioning ("HVAC") equipment (described in statistical reporting number 9025.90.0600)
- 129) Parts and accessories of thermometers and combinations of thermometers and other instruments, each consisting of a solar radiation shield comprising a housing composed of 99 percent plastics and 1 percent base metal with an integrated hanger loop, weighing not more than 300 g (described in statistical reporting number 9025.90.0600)
- 130) Upholstered chairs with wooden frames, other than of teak, not for children or households (described in statistical reporting number 9401.61.4031)

- 131) Seats for infants with steel frames attached to plastic bases, upholstered with textile coverings, each suitable for serving as a stable seat for giving an infant a bath (described in statistical reporting number 9401.71.0011)
- 132) Unassembled upholstered chairs with metal frames, other than household chairs, with seats and backs having a shell of plastics or wood and measuring at least 48 cm but not more than 61 cm in width (described in statistical reporting number 9401.71.0031)
- 133) Upholstered chairs with frames of iron or steel (described in statistical reporting number 9401.71.0031)
- 134) Outdoor household seats with aluminum frames covered in polyethylene rattan wicker, with textile covered cushions (described in statistical reporting number 9401.79.0011)
- 135) Seats with metal frames, not upholstered, not folding, suitable for stacking (described in statistical reporting number 9401.79.0050)
- 136) Children's rocking stools of plastics, each with a convex-shaped base (described in statistical reporting number 9401.80.2031)
- 137) Bench frames of cast aluminum, each measuring at least 42 cm but not more than 79 cm in height, and at least 52 cm but not more than 62 cm in width (described in statistical reporting number 9401.90.5081)
- 138) Greaseless cylinders, each measuring at least 7.5 cm but not more than 25.4 cm in height and having a diameter of not more than 5.1 cm (described in statistical reporting number 9401.90.5081)
- 139) Parts of furniture, consisting of pivoting back supports for chairs (described in statistical reporting number 9401.90.5081)
- 140) Outdoor household tables with aluminum frames covered in polyethylene rattan wicker (described in statistical reporting number 9403.20.0050)
- 141) Bicycle racks of galvanized or black powder coated steel, each comprising one, three or five loops of tubing measuring not more than 7 cm in outside diameter, for either surface or in-ground mount (described in statistical reporting number 9403.20.0090)
- 142) Over-bed tables, height-adjustable, each with a steel base with casters and a high-density wooden laminate top with a tilting mechanism (described in statistical reporting number 9403.60.8081)
- 143) Light-emitting diode ("LED") desk lamps, other than of base metal, each with height adjustable from at least 28 cm to not more than 61 cm, with flexible neck, touch switch controlling power and four brightness settings for natural daylight LEDs, with or without 5 V, 2.1 A Universal Serial Bus ("USB") charging port (described in statistical reporting number 9405.20.8010)
- 144) Light-emitting diode ("LED") floor-standing lamps, other than of base metal, each with height adjustable from at least 124 cm to not more than 181 cm, with flexible neck, touch switch controlling power and brightness settings for natural daylight quality LED illumination, including memory feature to

- remember last brightness setting when lamp is turned on (described in statistical reporting number 9405.20.8010)
- 145) Light-emitting diode (“LED”) floor-standing or table lamps, other than of base metal, each with height adjustable from at least 100 cm to not more than 145 cm with flexible neck, with 2X magnifier measuring not more than 12.8 cm in diameter with 4X spot magnifier (described in statistical reporting number 9405.20.8010)
- 146) Modular, prefabricated buildings, each with a steel frame (described in statistical reporting number 9406.90.0030)”
3. by amending the last sentence of the first paragraph of U.S. note 20(e) to subchapter III of chapter 99:
- a. by deleting the word “or” where it appears after the phrase “U.S. note 20(vv) to subchapter III of chapter 99;” and
  - b. by inserting the phrase “; or (13) heading 9903.88.46 and U.S. note 20(yy) to subchapter III of chapter 99” after the phrase “U.S. note 20(xx) to subchapter III of chapter 99”.
4. by amending U.S. note 20(f) to subchapter III of chapter 99;
- a. by deleting the word “or” where it appears after the phrase “U.S. note 20(vv) to subchapter III of chapter 99;” and
  - b. by inserting the phrase “; or (13) heading 9903.88.46 and U.S. note 20(yy) to subchapter III of chapter 99” after the phrase “U.S. note 20(xx) to subchapter III of chapter 99”.
5. by amending the first sentence of U.S. note 20(g) to subchapter III of chapter 99:
- a. by deleting “or (6)” and by inserting “(6)” in lieu thereof; and
  - b. by inserting “; or (7) heading 9903.88.46 and U.S. note 20(yy) to subchapter III of chapter 99” after “U.S. note 20(ss) to subchapter III of chapter 99”.
6. by amending the Article Description of heading 9903.88.03:
- a. by deleting “9903.88.43 or” and inserting “9903.88.43,” in lieu thereof; and
  - b. by inserting “or 9903.88.46,” after “9903.88.45,”.

7. by amending the Article Description of heading 9903.88.04:
  - a. by deleting “9903.88.38 or” and inserting “9903.88.38,” in lieu thereof; and
  - b. by inserting “or 9903.88.46,” after “9903.88.40,”.

B. Effective with respect to goods entered for consumption, or withdrawn from warehouse for consumption, on or after 12:01 a.m. eastern daylight time on September 24, 2018, subchapter III of chapter 99 of the Harmonized Tariff Schedule of the United States (HTSUS) is modified:

1. 85 FR 9921, Annex B(b) referencing U.S. note 20(mm)(6) to subchapter III of chapter 99 of the Harmonized Tariff Schedule of the United States is modified by deleting “various sizes; and tie out cables and aerials, of iron or steel (described in statistical reporting number 4201.00.3000)” and inserting “various sizes, with or without tie out cables and aerials of iron or steel (described in statistical reporting number 4201.00.3000); cat leads, harnesses, retractable leads, muzzles and head halters of nylon, polyester or soy-based webbing of various sizes (described in statistical reporting numbers 4201.00.6000), and cat collars (described in statistical reporting numbers 4201.00.3000 or 4201.00.6000)” in lieu thereof.
2. U.S. note 20(qq)(40) to subchapter III of chapter 99 of the Harmonized Tariff Schedule of the United States is modified by deleting “(described in statistical reporting number 7006.00.4050)” and inserting “(described in statistical reporting number 7006.00.4050 or 7020.00.6000)” in lieu thereof.
3. U.S. note 20(ss)(17) to subchapter III of chapter 99 of the Harmonized Tariff Schedule of the United States is modified by deleting “Portable outdoor cookers, each consisting of a burner and stand made from steel and cast iron, two or more pots with fitted strainer baskets, a rack suitable for supporting and lifting out large food items and an adjustable pressure regulator/hose combination for connecting the burner to a portable container of LP, put up for retail sale” and inserting “Portable outdoor cooker kits, consisting of at least a burner and stand made from steel and/or cast iron, with an adjustable pressure regulator/hose combination for connecting the burner to a source of natural gas or a portable container of liquefied propane” in lieu thereof.